EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	4269	(210/109,321.69,108,321.65,427,136,106).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/08/04 22:54
L13	18	12 and (permeate and retentate and valve and controller and circulation)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/08/04 22:55
S2	1	("20030132175").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/08/29 12:46
S3	2	("0588348").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/08/29 12:58
S4	2	("0595689").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/08/29 12:58
S5	8	("1020180").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/08/29 12:58

S6	4	("2586202").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/08/29 12:59
S7	9	("1043053").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/08/29 13:00
S8	4	(10/224513).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/08/29 13:00
S9	2	("0110540").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/08/29 13:01
S10	0	(01/10540).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/08/29 13:01
S11	2	("0110540").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/08/29 13:01
S12	2	("0588348").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/08/29 13:02

S13	349	(210/321.69).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2008/08/29 13:45
S14	465	(210/321.69).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/08/29 13:45
S15	30	S14 and ((shut adj2 off) or (shutoff)) near3 valve	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/08/29 13:46
S16	464	(210/109).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/02 12:40
S17	722	(210/108).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/02 13:01
S18	53	"210"/$.ccls. and (permeate or retentate) and membrane and (((shut adj off) or shutoff) adj4 valve) and pump	USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/03 10:46
S19	7	("2310978" | "4242061" | "5203803" | "5261792" | "5460716" | "5503736").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/03 12:17
S20	7	("2310978" | "4242061" | "5203803" | "5261792" | "5460716" | "5503736").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/03 12:18
S21	3	("6068764").URPN.	USPAT	OR	OFF	2008/09/03 12:18
S22	4	"210"/$.ccls. and (permeate or retentate) and membrane and (((shut adj off) or shutoff) adj4 valve) and pump and (back adj puls$3)	USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/03 12:54
S23	7	"210"/$.ccls. and (permeate or retentate) and membrane and (((shut adj off) or shutoff) adj4 valve) and pump and ((back adj puls$3) or (back adj wash$3) or backwash)	USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/03 12:55
S24	7	"210"/$.ccls. and (permeate or retentate) and membrane and (((shut adj off) or shutoff) adj4 valve) and pump and ((back adj puls$3) or (back adj wash$3) or backwash$3)	USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/03 13:05

S25	1	("20050205478").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/03 14:31
S26	2	("2005/0205478").URPN.	USPAT	OR	OFF	2008/09/03 14:50
S27	18	"210"/$.ccls. and (microfilt$5 or ultrafilt$5 or (micro adj filt $5) or (ultra adj filt$5) or osmosis) and membrane and ((shutoff or shut adj off) near3 valve) and (backwash$3 or (back adj wash$3) or (back adj puls$3) or backpuls$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/03 15:26
S28	1398	(210/136).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/03 16:30
S29	67	S28 and ((shut adj off) or shutoff) adj valve	USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/03 16:31
S30	13	("3959146" | "4629568" | "4705625" | "4784771" | "4961851" | "4981157" | "5122265" | "5132015" | "5512167" | "5658457" | "6074551" | "6110360" | "6190558").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/03 16:31
S31	349	(210/321.69).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/04 10:36
S32	465	(210/321.69).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/04 10:58
S33	11651	S32 and ((shut adj off) adj valve) or (shutoff adj valve)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/04 10:59
S34	11658	S32 and ((shut adj off) near3 valve) or (shutoff adj valve)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/04 10:59

S35	30	S32 and ((shut adj off) or shutoff) near3 valve	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/04 11:00
S36	24	("3837765" | "3957637" | "4219421" | "4753733" | "4755290" | "4921610" | "4955953" | "4978506" | "4986918" | "5009775" | "5011603" | "5011607" | "5047154" | "5128107" | "5234605" | "5240612" | "5252218" | "5354466" | "5393433" | "5512167" | "5520816" | "5580221" | "5589076" | "5778671").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/04 11:39
S37	25	("5958243").URPN.	USPAT	OR	OFF	2008/09/04 11:46
S38	1	("6755970").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/04 13:05
S39	1	"5011603".PN.	USPAT; USOCR	OR	OFF	2009/03/07 12:04
S40	1	"5011607".PN.	USPAT; USOCR	OR	OFF	2009/03/07 12:04
S41	24	("3837765" | "3957637" | "4219421" | "4753733" | "4755290" | "4921610" | "4955953" | "4978506" | "4986918" | "5009775" | "5011603" | "5011607" | "5047154" | "5128107" | "5234605" | "5240612" | "5252218" | "5354466" | "5393433" | "5512167" | "5520816" | "5580221" | "5589076" | "5778671").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/07 12:05
S42	3927	"210"/$.ccls. and (backwash$3 or (back adj wash$3) or (reverse adj flow) or (backflow) or (back adj flow)) and ((valve with control$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/07 12:17
S43	3927	"210"/$.ccls. and ((backwash$3 or (back adj wash$3) or (reverse adj flow) or (backflow) or (back adj flow)) and (valve with control$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/07 12:18
S44	927	"210"/$.ccls. and ((backwash$3 or (back adj wash$3) or (reverse adj flow) or (backflow) or (back adj flow)) and (valve with control$4)) and membrane	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/07 12:39

S45	39	"210"/$.ccls. and ((backwash$3 or (back adj wash$3) or (reverse adj flow) or (backflow) or (back adj flow)) and ((((shut adj off) or shutoff) adj valve) with control$4)) and membrane	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/07 12:41
S46	8	("1020180").PN.	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/03/07 12:48
S47	2	("0110540").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/03/07 13:07
S48	2	("0010540").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/03/07 13:08
S49	0	("wo110540").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/03/07 13:08
S50	2	("2003132175").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/03/07 13:53
S51	0	("2003132175").PN.	US-PGPUB	OR	OFF	2009/03/07 13:53
S52	1	("20030132175").PN.	US-PGPUB	OR	OFF	2009/03/07 13:53
S53	405	(210/321.69).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/03/09 11:13

S54	4	"210"/$.ccls. and (valve with camshaft with housing)	USPAT	OR	OFF	2009/03/09 11:54
S55	18	("1752908" | "1763942" | "2921603" | "3116755" | "3207183" | "3403700" | "3468344" | "3679060" | "3768654" | "3770247" | "3970109").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/09 12:00
S56	14	("4274445").URPN.	USPAT	OR	OFF	2009/03/09 12:04
S57	18	("1752908" | "1763942" | "2921603" | "3116755" | "3207183" | "3403700" | "3468344" | "3679060" | "3768654" | "3770247" | "3970109").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/09 12:06
S58	1	("20070158256").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/09/18 12:59
S59	1	("5958243").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2011/08/04 15:27
S60	1	("4749476").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2011/08/04 15:36

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	3273	(210/109,321.69,108,321.65,427,136,106).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/08/04 22:56
L15	18	14 and (permeate and retentate and valve and controller and circulation)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/08/04 22:56

8/4/2011 11:37:08 PM
C:\ Documents and Settings\ mgonzalez\ My Documents\ EAST\ Workspaces\ 10597840-apparatus for micro or ultrafiltration.

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